

Title (en)

METHODS AND SYSTEMS FOR OPERATING APPLICATIONS THROUGH USER INTERFACES

Title (de)

VERFAHREN UND SYSTEME ZUM BETRIEB VON ANWENDUNGEN ÜBER BENUTZERSCHNITTSTELLEN

Title (fr)

PROCÉDÉS ET SYSTÈMES D'EXPLOITATION D'APPLICATIONS PAR L'INTERMÉDIAIRE D'INTERFACES UTILISATEURS

Publication

EP 3948683 A1 20220209 (EN)

Application

EP 20778400 A 20200323

Priority

- US 201962824027 P 20190326
- US 202016778387 A 20200131
- US 2020024177 W 20200323

Abstract (en)

[origin: US2020311550A1] Methods and systems are disclosed for improved operation of applications through user interfaces. In some embodiments, the methods and systems relate to training an artificial neural network to complete a task within an application by mimicking and emulating interactions of human operators with the application interface.

IPC 8 full level

G06N 3/04 (2006.01); **G06F 3/0484** (2022.01); **G06F 9/451** (2018.01); **G06N 3/08** (2006.01)

CPC (source: EP US)

G06F 3/04842 (2013.01 - US); **G06F 3/0487** (2013.01 - US); **G06F 9/451** (2018.01 - EP); **G06N 3/082** (2013.01 - US); **G06T 7/75** (2016.12 - US); **G06N 3/045** (2023.01 - EP); **G06N 3/082** (2013.01 - EP); **G06T 2207/20081** (2013.01 - US); **G06T 2207/20084** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 11068785 B2 20210720; **US 2020311550 A1 20201001**; CN 113785310 A 20211210; EP 3948683 A1 20220209; EP 3948683 A4 20221221; US 11625608 B2 20230411; US 2021312292 A1 20211007; WO 2020198122 A1 20201001

DOCDB simple family (application)

US 202016778397 A 20200131; CN 202080031263 A 20200323; EP 20778400 A 20200323; US 2020024177 W 20200323; US 202117353909 A 20210622